

# SENDO



# HEROX<sub>R</sub>

## DC Inverter Heat Pump (R32)

MODEL :	SHP-08HXP1	SHP-013HXP1	SHP-018HXP1	SHP-013HXP3	SHP-018HXP3	SHP-023HXP3
<b>Heating Condition - Ambient Temp. DB/WB) : 7/6°C, Water Temp. (In/Out) : 30/35°C</b>						
Heating Capacity Range (kW)	1.57~8.40	4.40~13.00	5.9~18.2	4.40~13.00	5.9~18.2	7.5~23.0
Heating Power Input Range (kW)	0.32~1.87	0.90~3.02	1.20~4.11	0.90~3.02	1.28~4.11	1.53~5.23
Current Range (A)	1.42~8.30	4.12~13.8	5.49~18.8	1.39~4.68	1.86~6.37	2.37~8.11
COP Range	4.49~4.91	4.30~4.90	4.43~4.92	4.30~4.90	4.43~4.92	4.40~4.90
<b>DHW Condition-Ambient Temp. (DB/WB) : 7/6°C, Water Temp. (In/Out) : 15/55°C</b>						
Heating Capacity Range (kW)	1.28~6.81	3.52~10.50	4.80~14.72	3.52~10.50	4.80~14.72	6.1~18.5
Heating Power Input Range (kW)	0.31~2.13	0.88~3.39	1.17~4.60	0.88~3.39	1.17~4.60	1.53~5.97
COP Range	3.20~4.10	3.10~4.00	3.20~4.01	3.01~4.00	3.20~4.10	3.10~4.00
<b>Cooling Condition - Ambient Temp. (DB/WB) : 35/24°C, Water Temp. (In/Out) : 12/7°C</b>						
Cooling Capacity Range (kW)	0.99~6.22	2.80~8.20	3.81~11.53	2.80~8.20	3.81~11.53	4.73~14.6
Cooling Power Input Range (kW)	0.29~2.18	0.85~3.31	1.11~4.05	0.85~3.31	1.11~4.05	1.39~5.14
EER Range	2.85~3.41	2.48~3.29	2.85~3.43	2.48~3.29	2.85~3.43	2.84~3.40
ErP Level (35°C)	A+++	A+++	A+++	A+++	A+++	A+++
ErP Level (55°C)	A++	A++	A++	A++	A++	A++
Power supply	230V/1Ph/50Hz/60Hz			380V/3Ph/50-60Hz		
Max Current Input (A)	16.5	23.9	28.8	9.3	11.2	13.1
Diameter of pipe (mm)	DN25	DN25	DN25	DN25	DN25	DN25
Water Flow(m <sup>3</sup> /h)	1,4	2,2	3,1	2,2	3,1	4,0
Water Pressure Drop (max) kPa	31	25	35	25	35	45
Water pump (m)	9	9	12	9	12	12
Noise dB(A)	≤53	≤55	≤57	≤55	≤57	≤58
Net / Gross Weight (kg)	110/120	140/150	170/180	140/150	170/180	180/190
Net Dimension (L/W/H) mm	970×475×835	1100×475×985	1050×480×1330	1100×475×985	1050×480×1330	1050×480×1330
Operation Ambient Temp. (°C)	-30~43°C					
Operating water Temp. (°C)	20~55°C (DHW)					
Operating water Temp. (°C)	20~55°C (60°C max) (Heating)					
Operating water Temp. (°C)	7~35°C (Cooling)					

Specifications are subject to change without prior notification